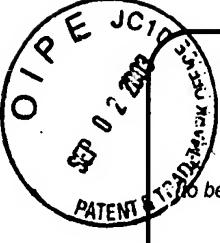


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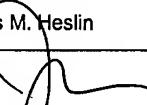
Total Number of Pages in This Submission

Application Number	10/633,015
Filing Date	July 31, 2003
First Named Inventor	PAVLOVSKAIA, ELENA
Art Unit	Unassigned
Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number 018563-002920US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP James M. Heslin	Reg. No. 29,541
Signature		
Date	August 27, 2003	

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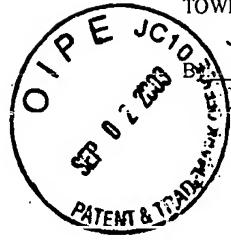
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On 08-27-03

PATENT
Attorney Docket No.: 018563-002920US
Client Reference No.: AT-00084.2

TOWNSEND and TOWNSEND and CREW LLP
Edward Masinas
Edward Masinas



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

PAVLOVSKAIA, ELENA et al.

Application No.: 10/633,015

Filed: July 31, 2003

For: SYSTEMS AND METHODS FOR
REMOVING GINGIVA FROM
COMPUTER TOOTH MODELS

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

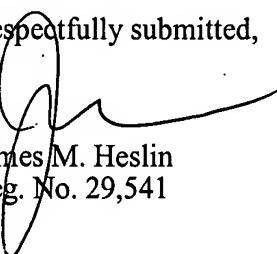
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application Nos. 10/087,153 and 09/640,328 (Attorney Docket Nos. 018563-002910US and 018563-002900US) , filed February 28, 2002 and August 16, 2000 (now U.S. Patent No. 6,386,878), respectively. It is requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

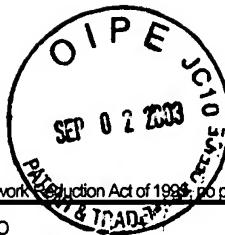
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


James M. Heslin
Reg. No. 29,541

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Page	1	of	6	C mplete if Known
				Application Number
				10/633,015
				Filing Date
				July 31, 2003
				First Named Inventor
				PAVLOVSKAIA, ELENA, et. al.
				Art Unit
				Unassigned
				Examiner Name
				Unassigned
				Attorney Docket Number
				018563-002920US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	3,407,500	10-29-1968	Kesling	
	2	3,600,808	08-24-1971	Reeve	
	3	3,660,900	05-09-1972	Andrews	
	4	3,683,502	08-15-1972	Wallshein	
	5	3,860,803	01-14-1975	Levine	
	6	3,861,044	01-21-1975	Swinson, Jr.	
	7	3,922,786	12-02-1975	Lavin	
	8	3,950,851	04-20-1976	Bergersen	
	9	4,253,828	03-03-1981	Coles et al.	
	10	4,324,546	04-13-1982	Heitlinger et al.	
	11	4,324,547	04-13-1982	Arcan et al.	
	12	4,500,294	02-19-1985	Lewis	
	13	4,504,225	03-12-1985	Yoshii	
	14	4,505,673	03-19-1985	Yoshii	
	15	4,526,540	07-02-1985	Dellinger	
	16	4,591,341	05-27-1989	Andrews	
	17	4,609,349	09-03-1986	Cain	
	18	4,664,626	05-12-1987	Kesling	
	19	4,676,747	06-30-1987	Kesling	
	20	4,755,139	07-05-1988	Abbatte et al.	
	21	4,793,803	12-27-1988	Martz	
	22	4,798,534	01-17-1989	Breads	
	23	4,836,778	06-06-1989	Baumrind et al.	
	24	4,837,732	06-06-1989	Brandestini et al.	
	25	4,850,865	07-25-1989	Napolitano	
	26	4,856,991	08-15-1989	Breads et al.	
	27	4,877,398	10-31-1989	Kesling	
	28	4,880,380	11-14-1989	Martz	
	29	4,936,862	06-26-1990	Walker et al.	
	30	4,941,826	07-17-1990	Loran et al.	
	31	4,983,334	01-08-1991	Adell	
	32	5,011,405	04-30-1991	Lemchen	
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	34	5,035,613	07-30-1991	Breads et al.	

Examiner Signature	Date Considered
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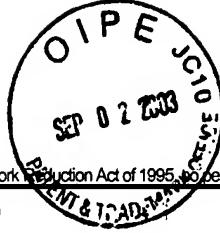
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Complete if Known

Application Number	10/633,015
Filing Date	July 31, 2003
First Named Inventor	PAVLOVSKAIA, ELENA, et. al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	018563-002920US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	35	5,055,039	10-08-1991	Abatte et al.	
	36	5,059,118	08-23-1994	Breads et al.	
	37	5,100,316	03-31-1992	Wildman	
	38	5,125,832	06-30-1992	Kesling	
	39	5,139,419	08-18-1992	Andreiko et al.	
	40	5,145,364	09-08-1992	Martz et al.	
	41	5,186,623	02-16-1992	Breads et al.	
	42	5,273,429	12-28-1993	Rekow et al.	
	43	5,338,198	08-16-1994	Wu et al.	
	44	5,340,309	08-23-1994	Robertson	
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	46	5,367,478	11-22-1994	Hattori	
	47	5,368,478	11-29-1994	Andreiko et al.	
	48	5,382,164	01-17-1995	Stern	
	49	5,395,238	03-07-1995	Andreiko et al.	
	50	5,431,562	07-11-1995	Andreiko et al.	
	51	5,447,432	09-05-1995	Andreiko et al.	
	52	5,452,219	09-19-1995	Dehoff et al.	
	53	5,454,717	10-03-1995	Andreiko et al.	
	54	5,456,600	10-10-1995	Andreiko et al.	
	55	5,474,448	12-12-1995	Andreiko et al.	
	56	5,528,735	06-18-1996	Strasnick et al.	
	57	5,533,895	07-09-1996	Andreiko et al.	
	58	5,542,842	08-06-1996	Andreiko et al.	
	59	5,549,476	08-27-1996	Stern	
	60	5,587,912	12-24-1996	Anderson et al.	
	61	5,605,459	02-25-1997	Kuroda et al.	
	62	5,607,305	03-04-1997	Andersson et al.	
	63	5,645,420	07-08-1997	Bergersen	
	64	5,645,421	07-08-1997	Slootsky	
	65	5,683,243	11-04-1997	Andreiko et al.	
	66	5,692,894	12-02-1997	Schwartz et al.	
	67	5,725,376	03-10-1998	Poirier	
	68	5,725,378	03-10-1998	Wang	

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Page **3** of **6***C mplete if Known*

Application Number	10/633,015
Filing Date	July 31, 2003
First Named Inventor	PAVLOVSKAIA, ELENA, et. al.
Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number **018563-002920US**

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	69	5,800,174	09-01-1998	Andersson	
	70	5,866,058	02-02-1999	Batchelder et al.	
	71	5,879,158	03-09-1999	Doyle et al.	
	72	5,880,961	03-09-1999	Crump	
	73	5,957,686	09-28-1999	Anthony	
	74	5,964,587	10-12-1999	Sato	
	75	5,971,754	10-26-1999	Sondhi et al.	
	76	5,975,893	11-02-1999	Chisti et al.	
	77	6,044,309	03-28-2000	Honda	
	78	6,049,743	04-11-2000	Baba	
	79	6,123,544	09-26-2000	Cleary	
	80	6,183,248	02-06-2001	Chishti et al.	
	81	6,190,165	02-20-2001	Andreiko et al.	
	82	6,217,334	04-17-2001	Hultgren	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	83	FR	2369828	06-02-1978			<input type="checkbox"/>
	84	WO	98/58596	12-30-1998			<input type="checkbox"/>
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Complete if Known	
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Art Unit	Unassigned
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Attorney Docket Number	018563-002920US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	87	Andrews, "The Six Keys to Optimal Occlusion" Straight Wire, Chapter 3 pp13-24	
	88	Biostar Operation & Training Manual. Great Lakes Orthodontics, Ltd. 199 Fire Tower Drive, Tonawanda, New York. 14150-5890. 20 pages total	
	89	Cardinal Industrial Finishes, Powder Coatings information posted at http://www.cardinalpaint.com on 08/25/00, 2 pages total.	
	90	Chiappone, "Constructing the gnathologic setup and positioner" J. Clin. Orthod. (1980) 14:121-133.	
	91	Cottingham, "Gnathologic clear plastic positioner" Am. J. Orthod. (1969) 55:23-31.	
	92	Cureton, "Correcting malaligned mandibular incisors with removable retainers" J. Clin. Orthod. (1996) 30:390-395.	
	93	Dent-X posted at http://www.dent-x.com/DentSim.htm 09/24/98, 6 pages total.	
	94	Doyle, "Digital Dentistry" Computer Graphics World (October 2000) pp. 50-52, 54.	
	95	Elsasser, "Some observations on the history and uses of the Kesling positioner" Am. J. Orthod. (1950) 36:368-374.	
	96	Kamada et al., "Case reports on tooth positioners using LTV vinyl silicone rubber" J. Nihon University School of Dentistry (1984) 26(1):11-29.	
	97	Kamada et al., "Construction of tooth positioners with LTV vinyl silicone rubber and some case reports" J. Nihon University School of Dentistry (1982) 24(1):1-27.	
	98	Kesling, "Coordinating the predetermined pattern and tooth positioner with conventional treatment" Am. J. Orthod. Oral. Surg. (1946) 32:285-293.	
	99	Kesling, "The philosophy of the tooth positioning appliance" Am. J. Orthod. Oral. Surg. (1945) 31(6):297-304.	
	100	Kleemann et al., "The speed positioner" J. Clin. Orthod. (1996) 30:673-680.	

Examiner Signature	Date Considered
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Page 5 of 6

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	101	Kunii et al., "Articulation Simulation for an Intelligent Dental Care System" Displays (1994) 15:181-188.	
	102	Kuroda et al., "Three-dimensional dental cast analyzing system using laser scanning" Am. J. Orthod. Dentofac. Orthop. (1996) 110:365-369.	
	103	Nahoum et al., "The vacuum formed dental contour appliance" The New York State Dental Journal (1964) 30(9):385-390.	
	104	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-I. Approach to the proposal of D.P. and transparent silicone rubber" (1980) 452:61-74.	
	105	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-II. Practical application and construction of D.P." (1980) 454:107-130.	
	106	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-III. Case reports of reversed occlusion" 1980) 457:146-164.	
	107	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-Case reports of reversed occlusion" (1980) 458:112-129.	
	108	Nishiyama et al., "A new construction of tooth repositioner by LTV vinyl silicone rubber" J. Nihon University School of Dentistry (1977) 19(2):93-102.	
	109	Proffit et al, "Contemporary Orthodontics" Second Edition, Chapter 15, pp 470-533	
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Complete if Known	
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Examiner Name	Unassigned
Attorney Docket Number	018563-002920US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	115	Warunek et al., "Clinical use of silicone elastomer appliances" JCO (1989) XXIII(10):694-700.	
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